Amendments to the Claims

Please cancel claims 7, 13, 15-18, 20 and 22.

The following listing of claims will replace all prior versions and listing of claims in the application.

1. (Currently Amended) An adjustment device for adjusting the position of at least one cutter of a fine machining tool with respect to a cutter support, the cutter support having a longitudinal axis, the adjustment device comprising:

the cutter support being substantially unitary and borderingborders at least one pressure chamber which is arranged in the adjustment direction of the at least one cutter with a displacement with respect to the at least one cutter and which is filled with a pressure transfer means which can be placed under pressure with a pressure generation device, wherein

between the at least one cutter and the at least one pressure chamber a cutter support wall remains which is elastically deformable upon application of pressure by the pressure transfer means to adjust the at least one cutter position.

2. (Currently Amended) The adjustment device according to claim 1, wherein the at least one cutter and the pressure chamber are arranged in alignment in the adjustment direction.

3. (Currently Amended) The adjustment device according to claim 1, wherein the length (LD) of the at least one pressure chamber in the orthogonal direction to the adjustment direction corresponds essentially to the length (LS) of the cutter.

4. (Currently Amended) The adjustment device according to claim 1, wherein the length of the pressure chamber in the orthogonal direction to the adjustment direction is limited to the region [of the] a tool corner of the at least one cutter.

5. (Currently Amended) The adjustment device according to claim 1, wherein the elastic deformation between the at least one pressure chamber and the at least one cutter lies in the size range of the cutter adjustment.

6. (Previously Presented) The adjustment device according to claim 1, wherein the pressure transfer means is an at least approximately incompressible fluid.

7. (cancelled)

8. (Previously Presented) The adjustment device according to claim 1, wherein the pressure generation device includes a screw which can be screwed into a blind threaded hole.

9. (Currently Amended) The adjustment device according to claim 8, wherein the blind threaded hole is separated by an axial distance from the at least one pressure chamber and is connected to [it] the at least one pressure chamber via connecting channels.

10. (Currently Amended) The adjustment device according to claim 8, [comprising a characteristic diagram which provides] wherein there is a predetermined relationship between an input quantity of the pressure generation device and the resulting positional adjustment of the at least one cutter.

11. (Currently Amended) The adjustment device according to claim 1, wherein the position of the at least one cutter is adjustable in the radial direction.

12. (Currently Amended) The adjustment device according to claim 1, wherein the at least one pressure chamber ~~(4; 304; 404; 504; 604)~~ is formed with a ring shape.

13. (cancelled)

14. (Previously Presented) The adjustment device according to one of the claims 1, wherein the cutter support is a tool mounting basic element.

15-18. (cancelled)

19. (Currently Amended) An adjustment device according to claim 14, wherein the tool mounting basic element [has an additional] includes the central tool holder with [an] the assigned expansion chuck.

20. (cancelled)

21. (Currently Amended) The adjustment device according to claim 19, [characterized in that] wherein the adjustment device and the expansion chuck have separate pressure chambers which have a pressure coupling.

22. (cancelled)

23. (Previously Presented) A fine machining tool comprising an adjustment device according to claim 1.